

REMARKS

To Applicants' knowledge, this preliminary amendment was filed before the mailing of a first Office Action on the merits. The specification has been amended to improve the readability of the application and to remove inconsistencies between the text and the drawings. The claims have been amended to remove improper multiple dependencies, improve the expression, and correct typographical errors. The drawings have been amended to remove inconsistencies between the text and the drawings. No new matter has been added.

If there is any fee due in connection with the filing of this Preliminary Amendment, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

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Dated: December 1, 2004

By:


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Reg. No. 26,014

Attachments: **Annotated drawings**

AMENDMENTS TO THE DRAWINGS:

The attached Replacement sheets of drawings include changes to Figs. 1, 2, 3, 4, 6, 8, and 9. Annotated Sheets showing changes in green are also attached.

In Fig. 1, Applicants have amended the drawing to illustrate the height of a wall of waveguide 3 as labeled with the character "b," as supported on at least page 9, lines 7-8 of the as-filed specification, and page 6, line 29 of the specification as amended.

In Fig. 2, all encircled numbers have been removed and some have been replaced with equivalent identifier characters and lead lines. Waveguide 3 has been indicated by reference number 3 and a lead line. The common wall between the two waveguides 3 has been identified by reference number 10 and a lead line, as supported on at least page 9, lines 11-13 of the as-filed specification. The z dimension "d" has been replaced by reference character "e" in order to distinguish it from "d" used to identify another variable in Fig. 1. Reference numeral 8 has been added to the words "short-circuiting plate" as supported on at least page 8, lines 26-36 of the as-filed specification.

In Fig. 3, Applicants have added reference numeral 2 to the words "power-feeding waveguide" and reference number 3 to the words "radiating waveguide" as supported on at least page 10, lines 20-31 and Fig. 1 of the as-filed specification.

In Fig. 4, reference character P has been replaced by reference numeral 16. Reference numeral 10 has been replaced with reference numeral 15, to distinguish the chamber from the previously identified common wall 10.

In Fig. 6, the arrow-marked dimension between adjacent slots has been labeled with reference character "d."

In Fig. 8, the reference numerals have been changed to indicate a different embodiment than similar structures in previous embodiments. Specifically, power-feeding waveguide 2 has been relabeled as power-feeding waveguide 21, unlabeled slots with dotted line arrows passing through them have been labeled as coupling windows 41, radiating waveguide 3 has been relabeled as radiating waveguide 31, and the distance between adjacent slots has been identified with reference character "d."

In Fig. 9, certain written descriptions have been removed as redundant, namely "rectangular waveguide" and "(slot interval is shorter than wavelength in waveguide)." Reference numerals consistent with the identification scheme have been added. Specifically, a slot in this embodiment is labeled with reference numeral 52 and a radiating waveguide in this embodiment is labeled with reference numeral 32 and lastly, the distance between adjacent slots has been labeled with reference character "d."

Attachments: 5 Replacement Sheets including Figs. 1-9
4 Annotated Sheets showing changes

Annotated Sheet

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Fig.1

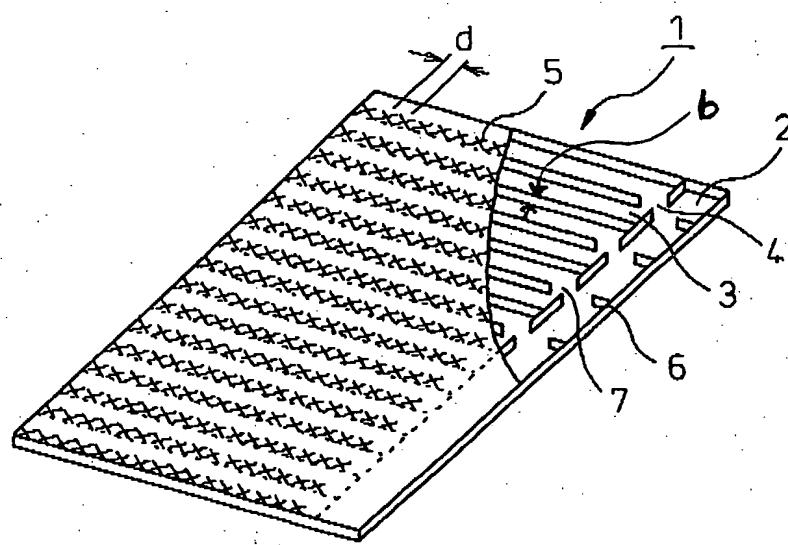
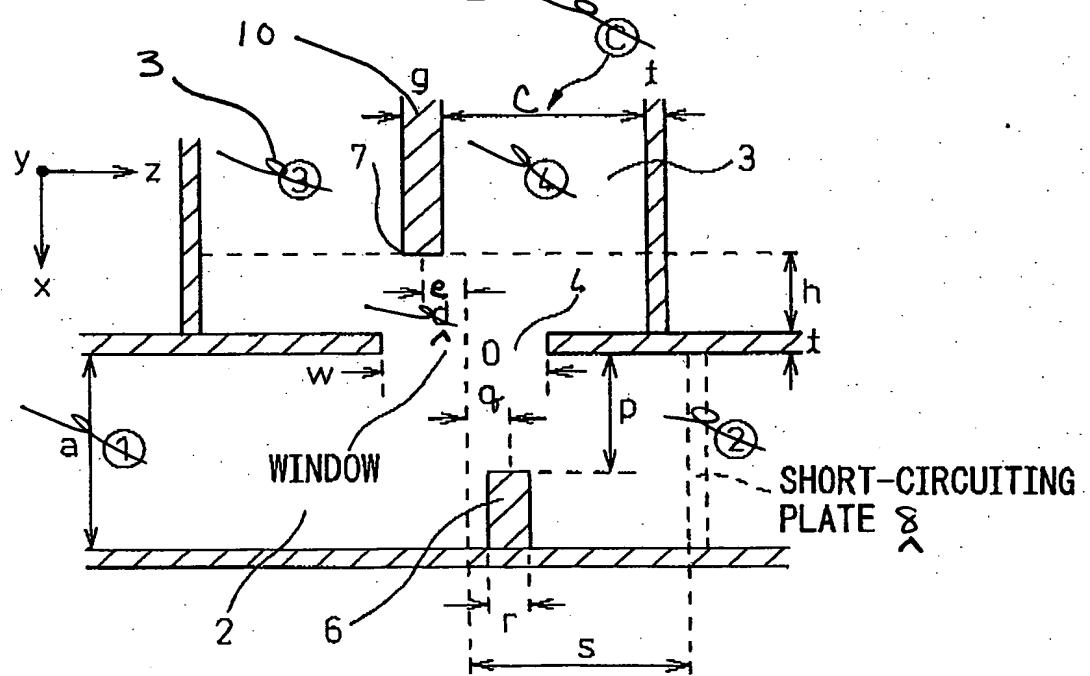


Fig.2



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Fig. 3

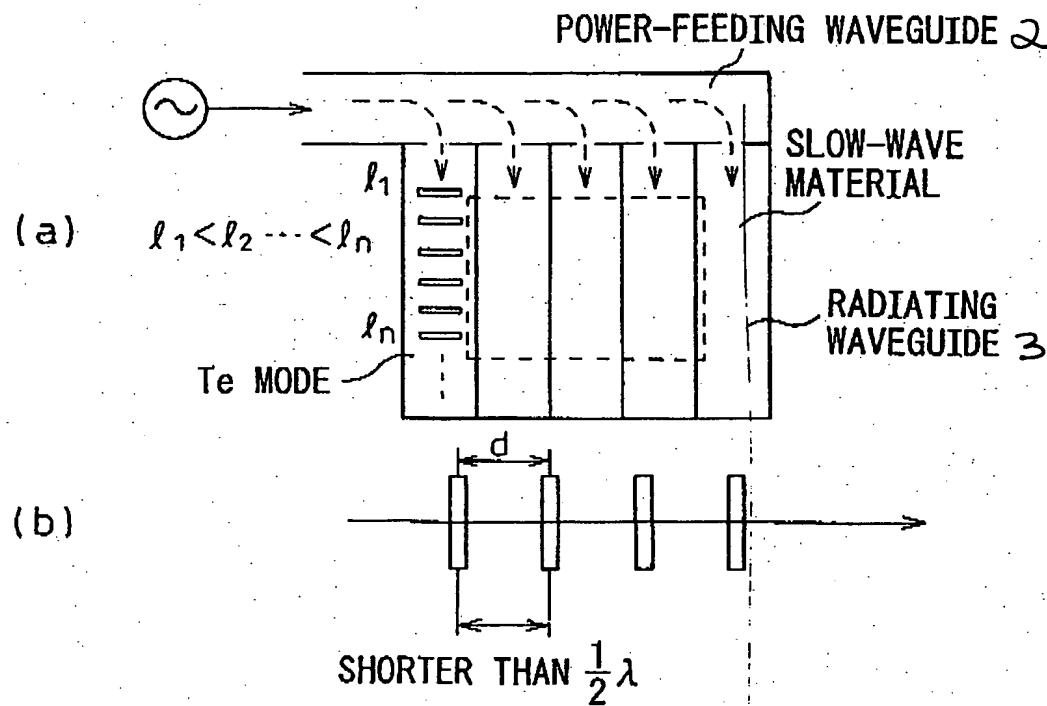
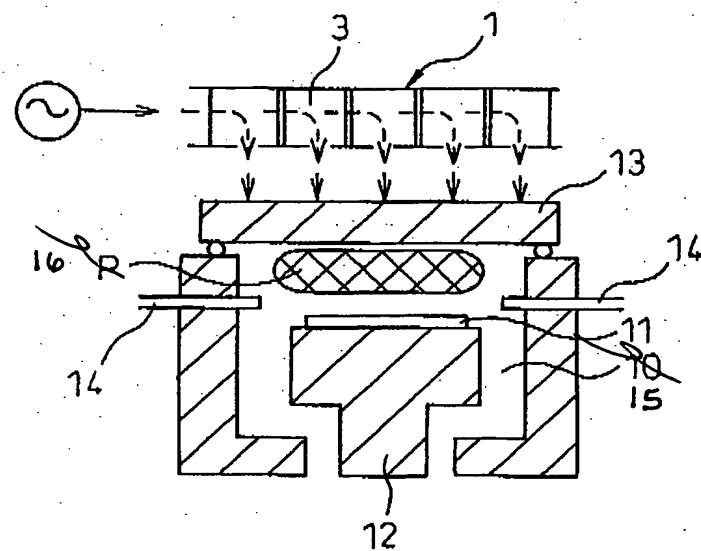


Fig. 4



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Fig. 6

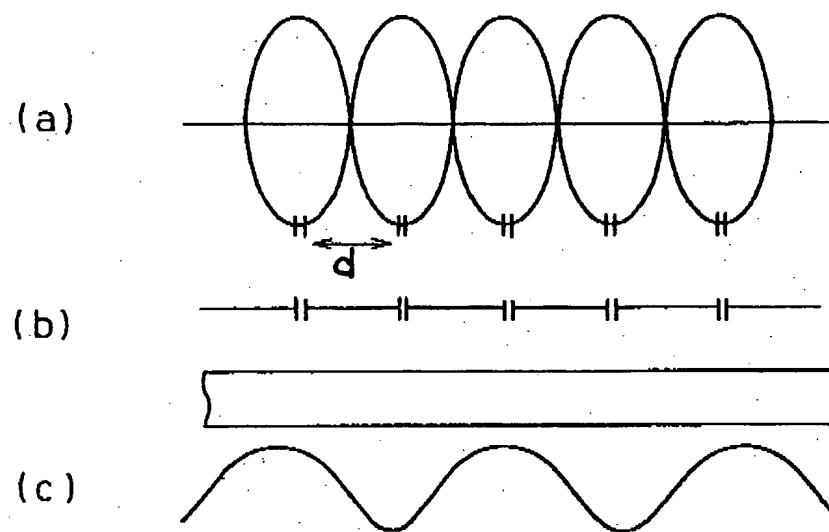
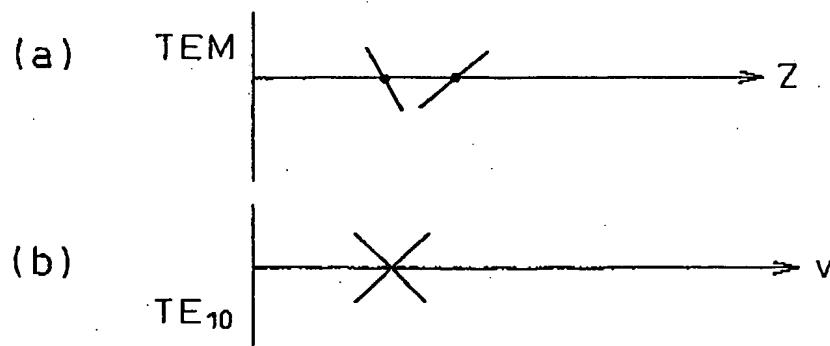


Fig. 7



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Fig. 8

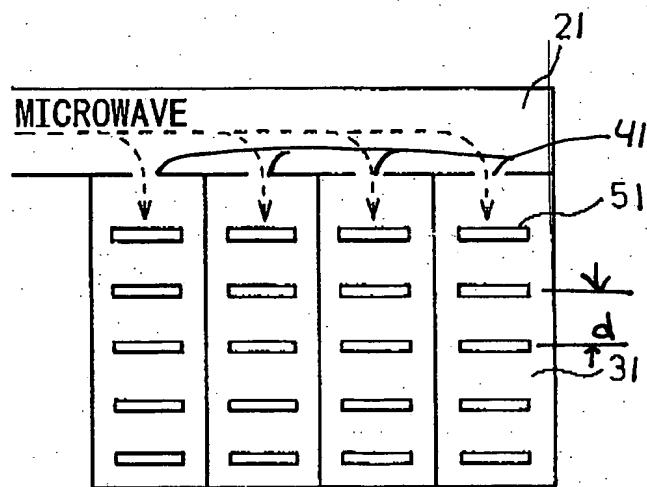


Fig. 9

